

Figure 1

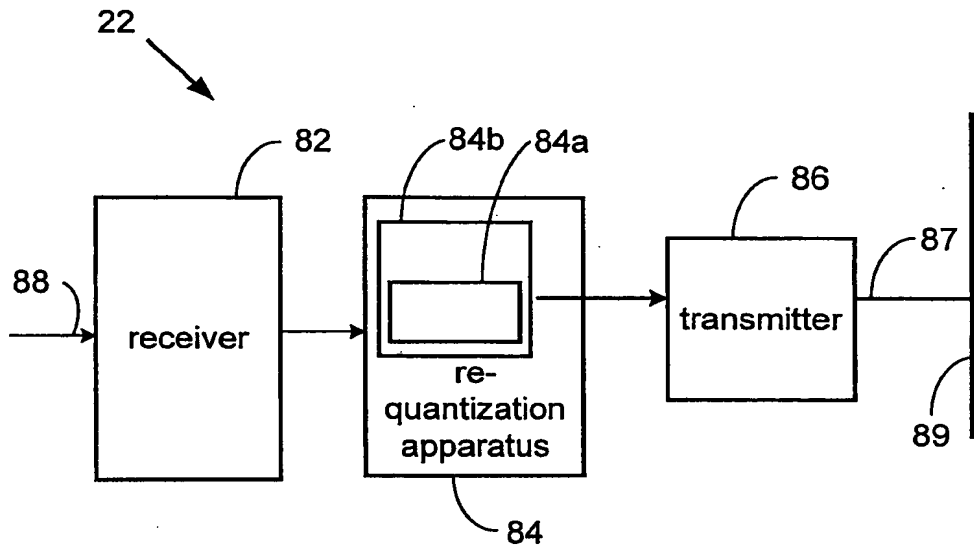


Figure 2A

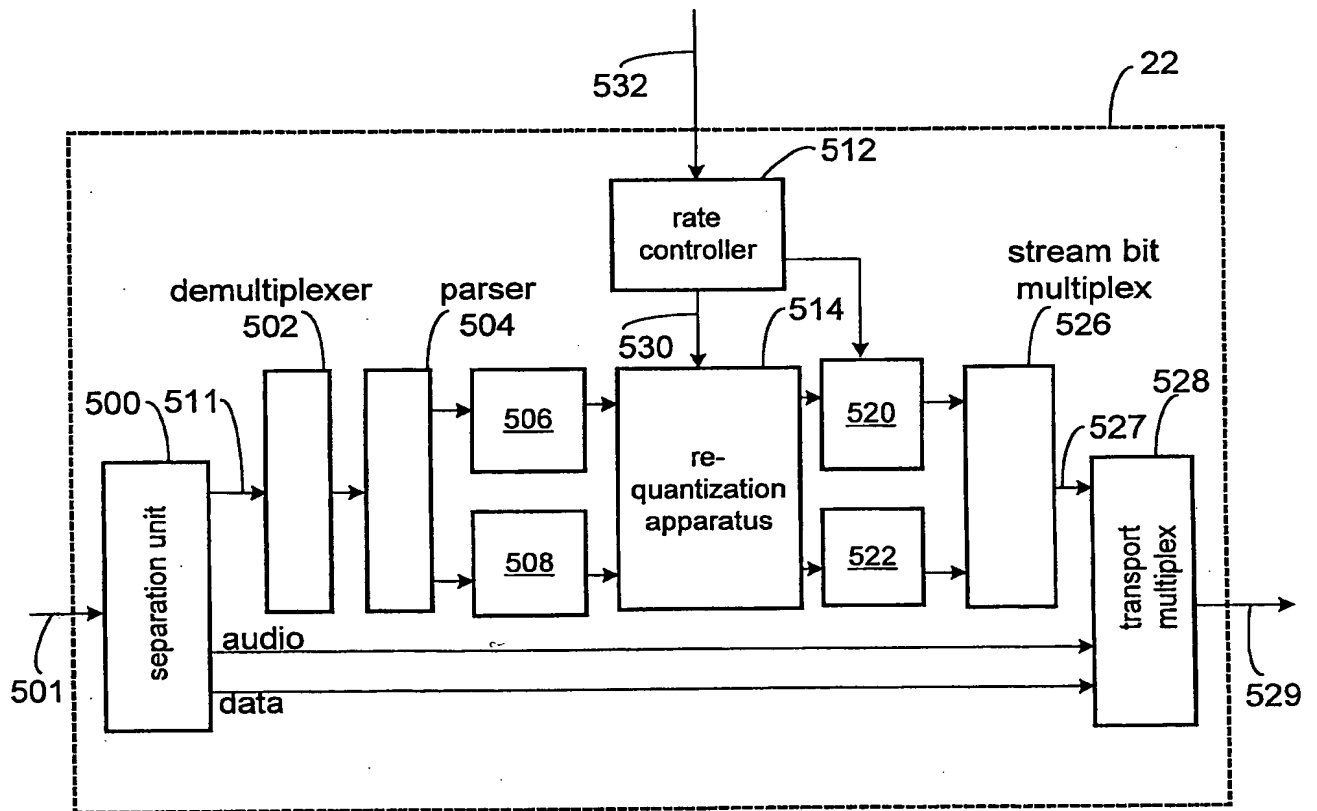


Figure 2B

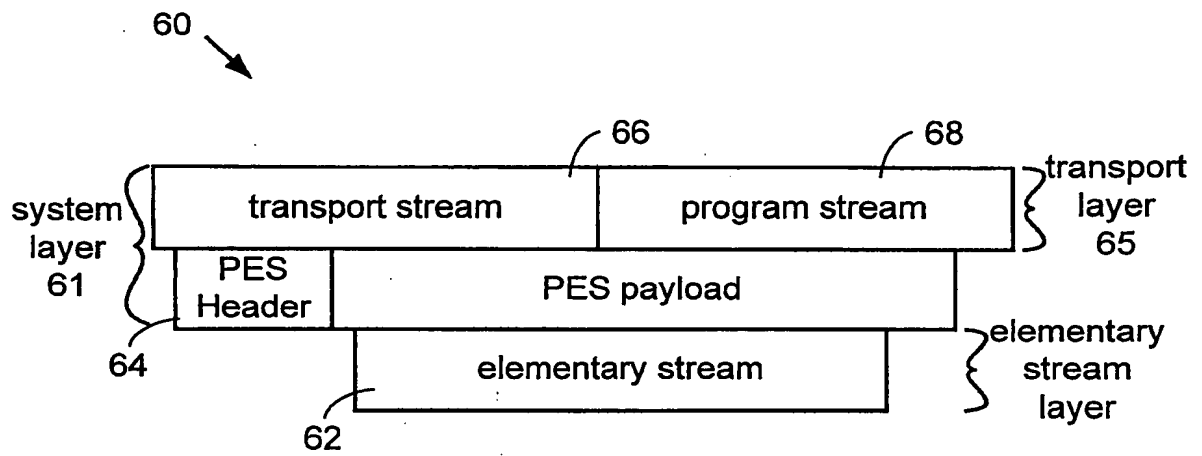


Figure 3

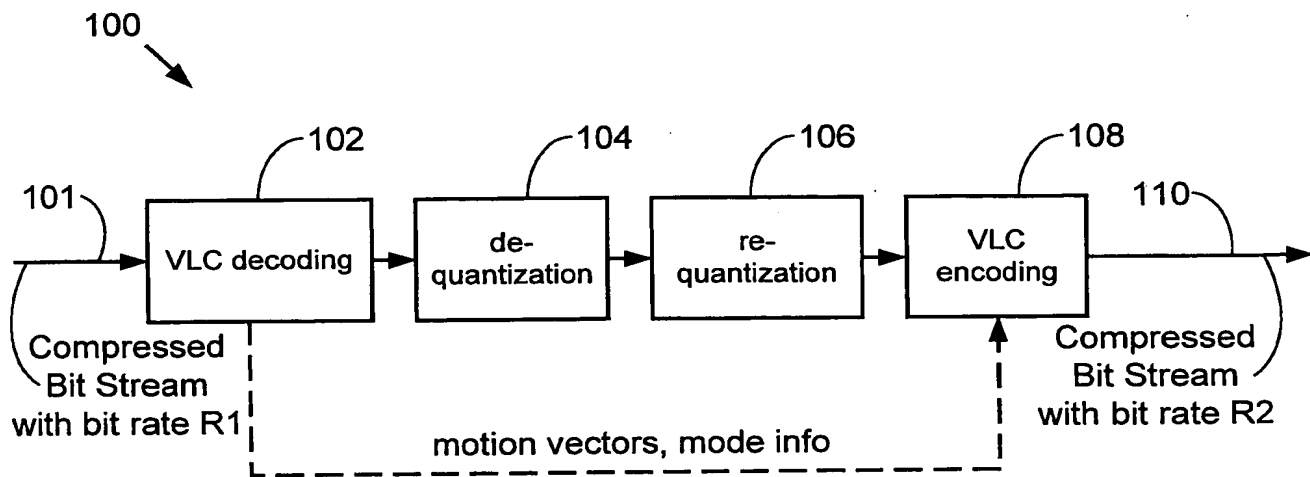


Figure 4A  
(PRIOR ART)

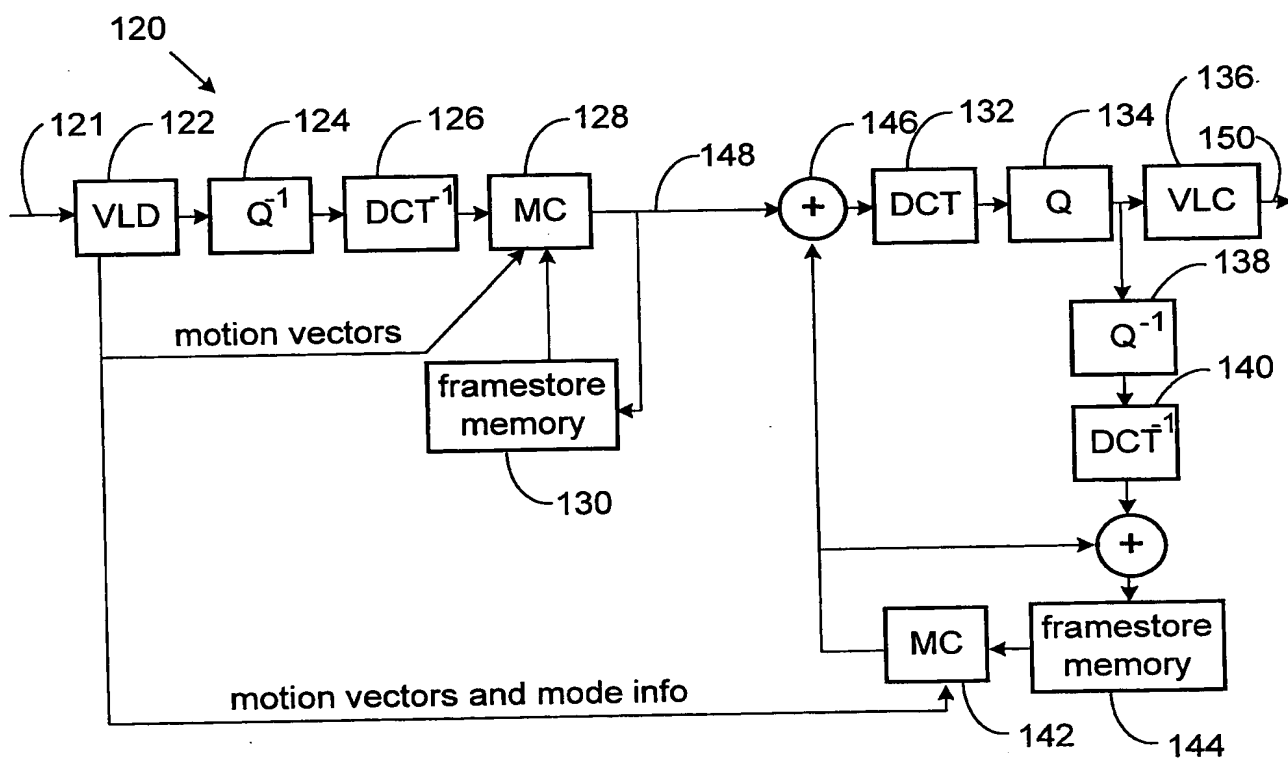


Figure 4B  
(PRIOR ART)

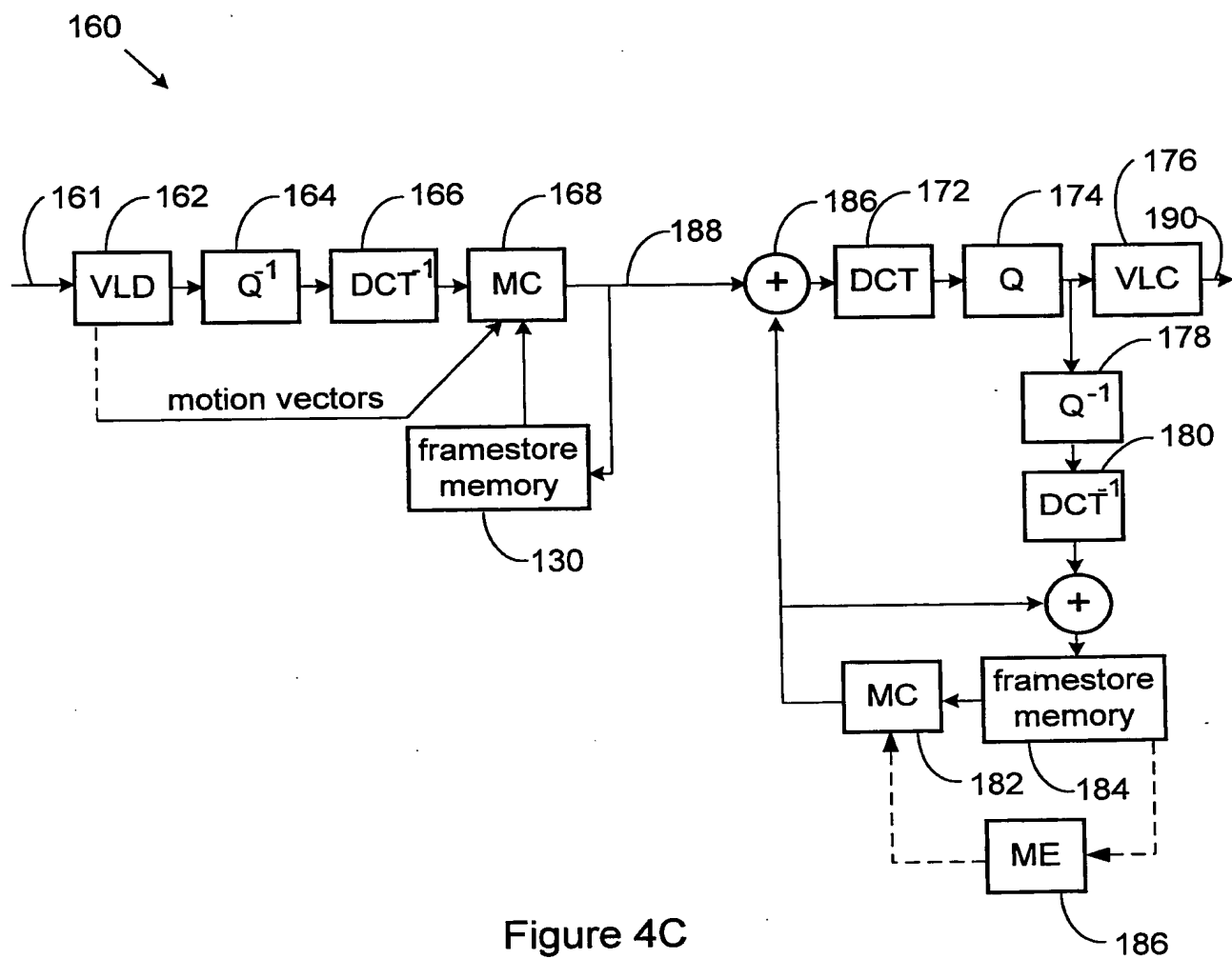


Figure 4C  
(PRIOR ART)

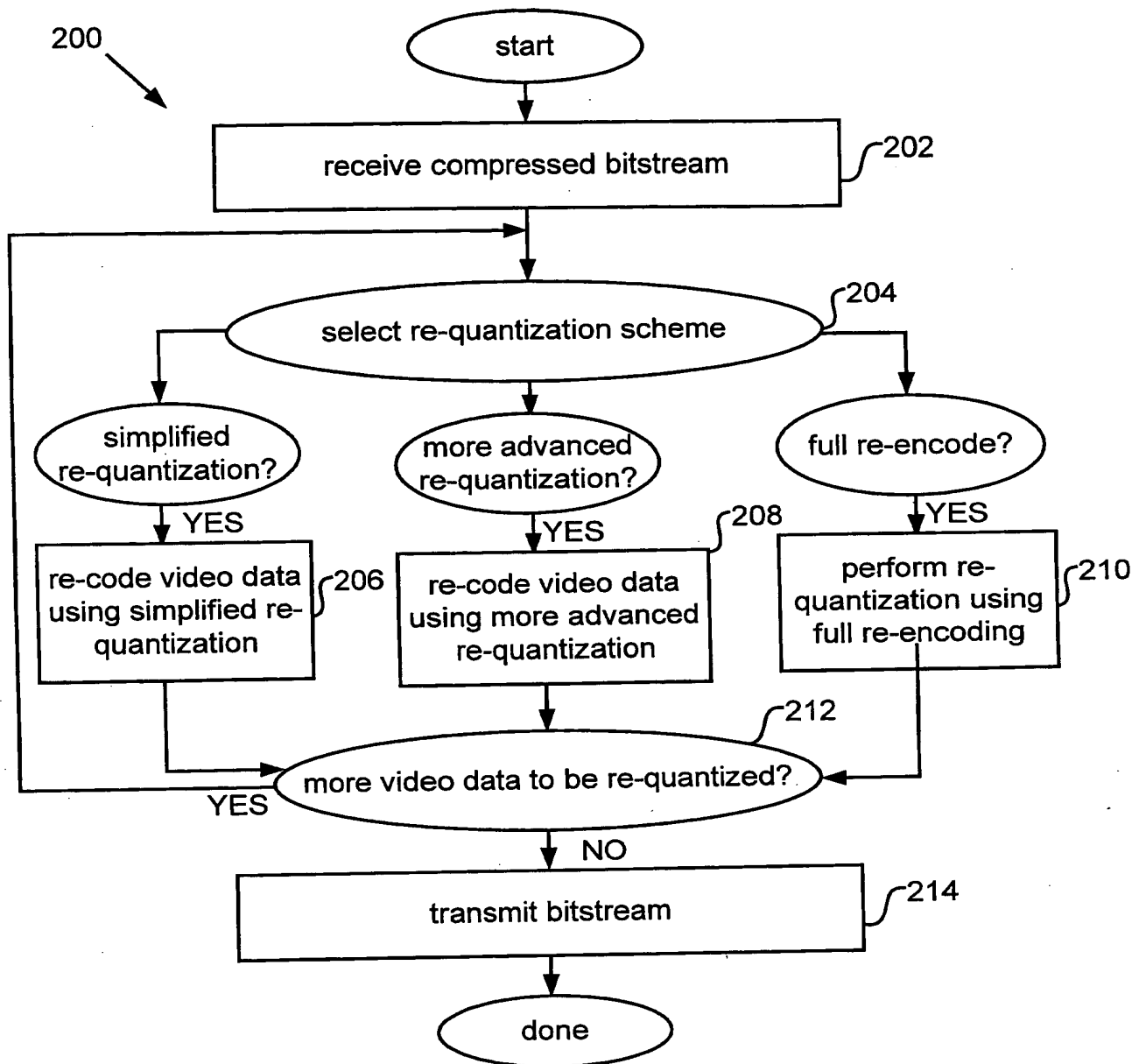


Figure 4D

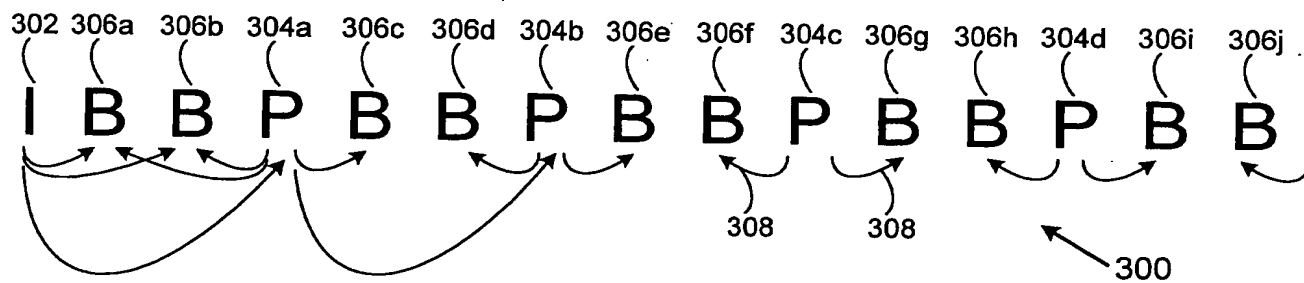


Figure 5A

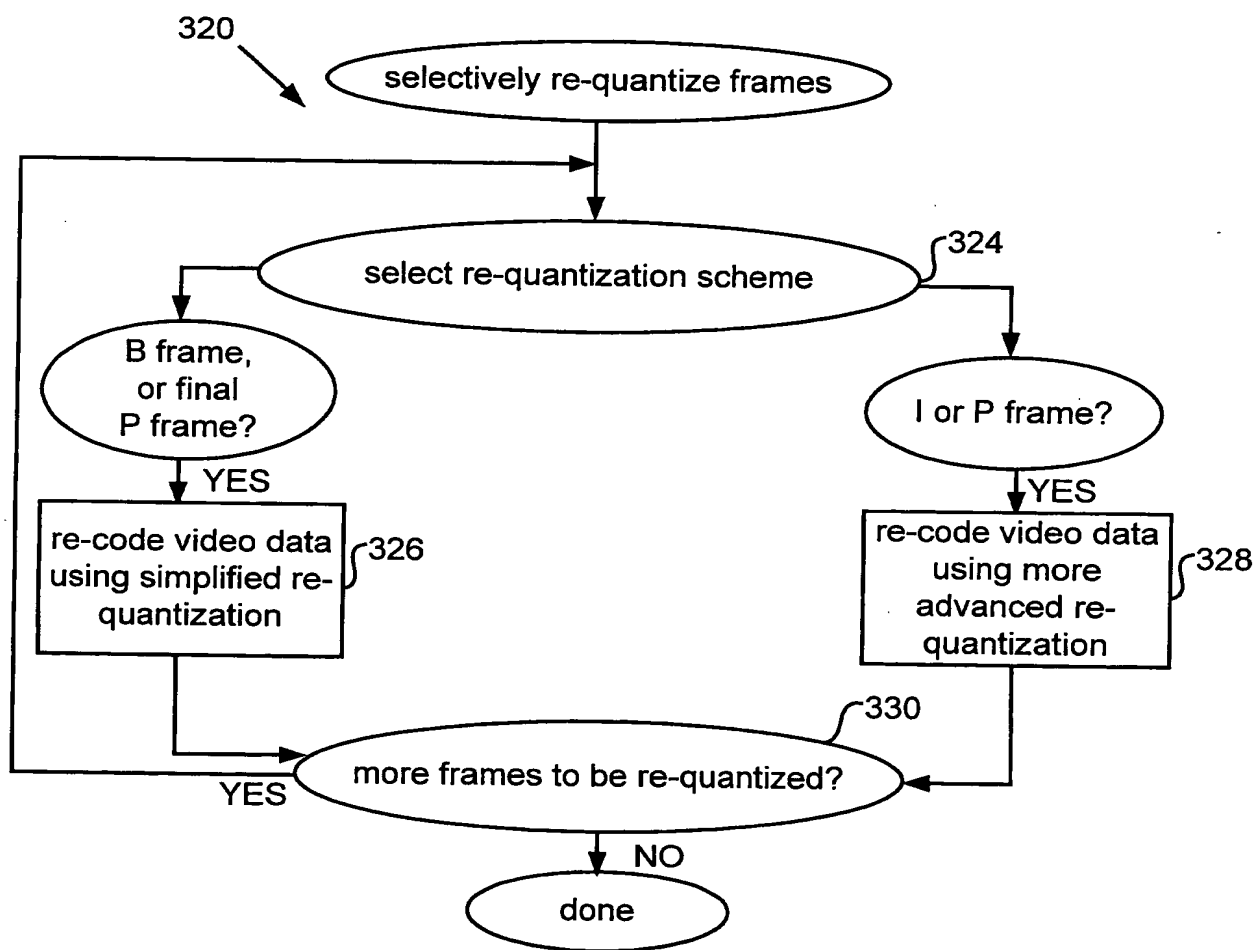


Figure 5B

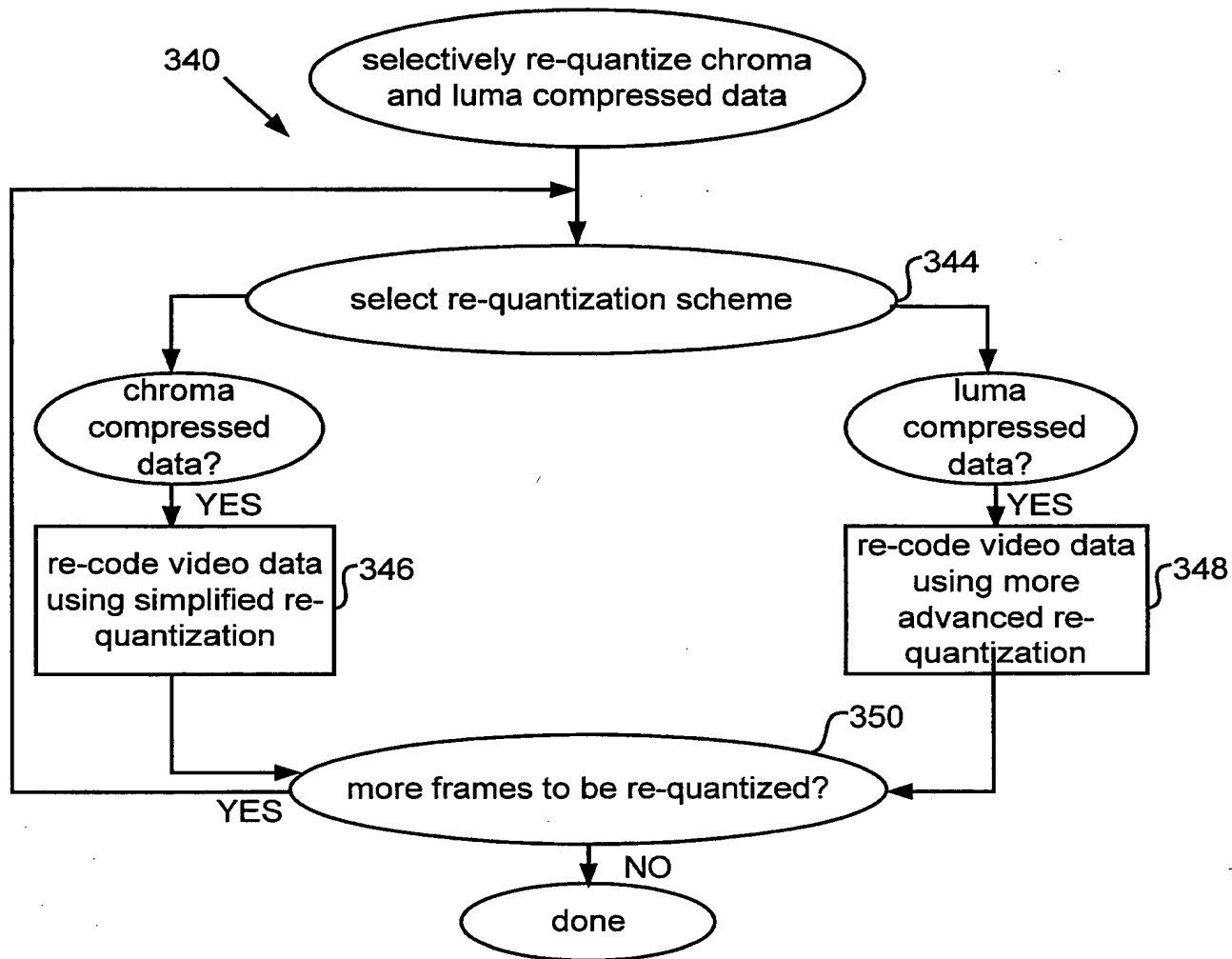


Figure 5C



360

364

362

| Combination/<br>Ranking | More demanding Re-quantization<br>(e.g., process flow 120) | Less demanding Re-quantization<br>(e.g., process flow 100) |
|-------------------------|--|--|
| 1                       | all frames   | none   |
| 2                       | all I, P, and B luma frames                                | B chroma frames  |
| 3                       | all I and P frames   | all B frames   |
| 4                       | most I and P luma and<br>chroma frames                     | last P luma and chroma frame in<br>GOP, all B frames       |
| 5                       | I frames, most P luma frames                               | last P luma frame in GOP, all B<br>frames                  |
| 6                       | none   | all frames   |
| 7                       | none   | all I chroma and luma frames                               |
| 8                       | none   | just I chroma frames                                       |
| 9                       | none   | none   |

Figure 5D

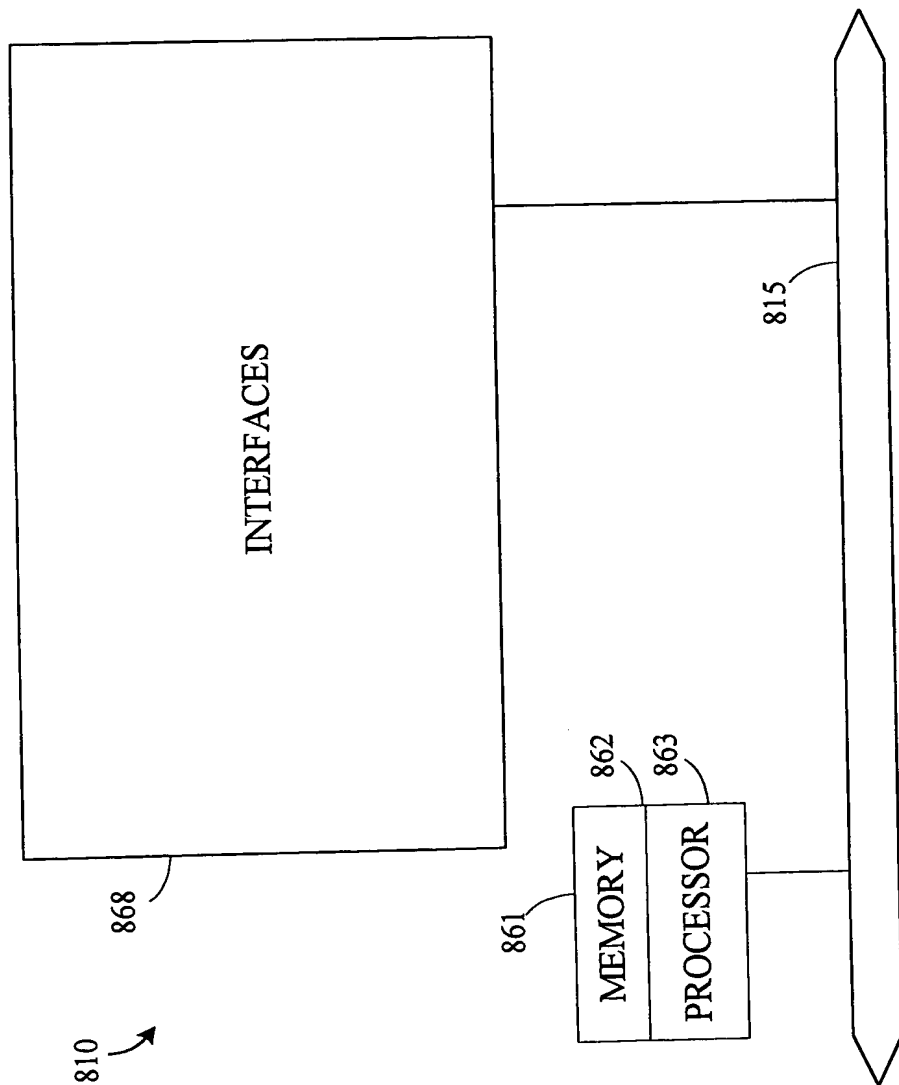


Figure 6